

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000289414
PUBLICATION DATE : 17-10-00

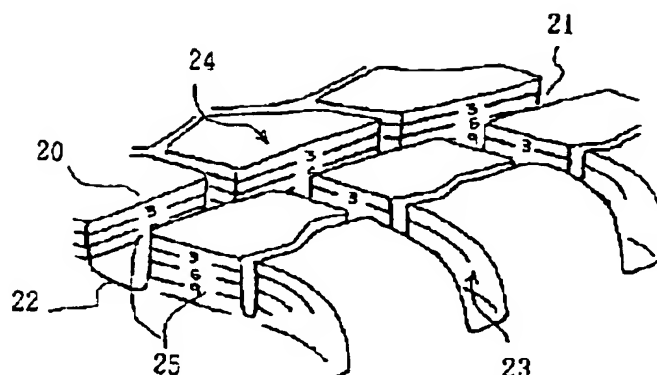
APPLICATION DATE : 08-04-99
APPLICATION NUMBER : 11101115

APPLICANT : YOKOHAMA RUBBER CO LTD:THE;

INVENTOR : YOSHIMI SHINGO;

INT.CL. : B60C 11/24

TITLE : PNEUMATIC TIRE



ABSTRACT : PROBLEM TO BE SOLVED: To easily grasp the abraded state without using a special measuring device and without considering the bottom-up shape of grooves by providing abrasion detection sections corresponding to the distances from the surface or groove bottom on the groove wall faces of the grooves provided on a tire cap tread section.

SOLUTION: Abrasion detection sections 25 corresponding to the distances from a cap tread surface 20 or a groove bottom 22 are provided on the groove wall faces 23 of the grooves 21 provided on a tire cap tread section. The abrasion detection sections 25 are formed with lines or patterns displaying the distances from the cap tread surface 20 or the groove bottom 22 and symbols. The lines and symbols forming the abrasion detection sections 25 are carved on a mold inner face, transferred to a tire surface at the time of tire vulcanization, and provided on the groove wall faces 23 in a recessed or protruded shape. The actual abrasion quantity and the depths of remaining grooves can be simply known by visually observing the abrasion detection sections 25 corresponding to the distances from the cap tread surface 20.

COPYRIGHT: (C)2000,JPO